

Salmon Assist System Setting up Feeding Schedule

Step 1 Creating Feeding Schedule

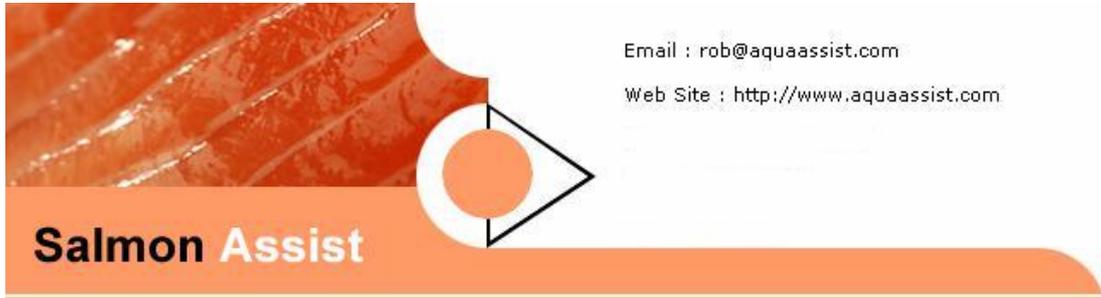
The Feeding Schedule Screen is used to capture the daily feed to each cage. Several type of feed methods can all be used on this screen, the bin fills are for the automatic feed systems and are a reference to how much feed was put into the bins on the day, they are not used for any calculations on how much feed the fish ate. There are also 2 Environment Parameters for Dissolved Oxygen.

The screenshot shows a software window titled 'Feeding Schedule'. It contains several input fields and buttons:

- Fish ID**: A text box with a '?' button next to it.
- Date**: A date picker set to 21/05/2006.
- Fish Count**: A red box containing the number '0'.
- Status**: A yellow box.
- Mooring ID**: A yellow box.
- Site Name**: A yellow box.
- Bin Fill kg**, **Aq Qty kg**, **Hand Qty kg**, **Plug Qty kg**, **2nd Bin Fill kg**: Text boxes for recording feed quantities.
- DO 3m In Cage mg/l**: A text box for dissolved oxygen measurement.
- DO % Sat**: A text box for dissolved oxygen saturation.
- Feed Name**: Four text boxes, each with a '?' button.
- Total Feed**: A cyan box containing '0.00'.
- Comment**: A text box with a '>>' button.
- Archive**: A dropdown menu set to 'No'.
- or use Feeding Details:** A section containing a table with columns 'Item Type', 'Stock Name', 'Qty kg', and 'Use In Total'. The table is currently empty. To the right of the table are buttons for 'Add', 'Edit', and 'Delete', and a '(0)' indicator.
- Navigation Buttons**: 'Autofeed Wizard', 'Calculate Weight', and 'Rapid Feed Wizard'.
- Control Buttons**: 'K', '<', '>', '>|', 'Save', 'Find', 'Delete', 'Reset', 'Print', 'Refresh', 'Cancel', 'Help', and 'Import'.

Fish ID Field

Choose the Fish Id that the feeding schedule is for from the list of by selecting the "?" button. Information about this Fish Id will appear in the Fish Count, Status, Mooring Id and Site Name fields.



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Date Field

Enter the date of the feeding here. A new feeding schedule will need to be filled out for each day of feeding with the amount of feed and feed type entered next to the appropriate feeding method.

Step 2 Feeding Bin Fills Detail Screen

This screen is used for alternative or additional feed methods that are not covered in the Feeding Schedule Screen. Item Types such as Off Shore etc can be created and used over and over again.

The screenshot shows a software window titled 'Feeding / Bin Fills Detail'. The window has a blue title bar with standard Windows window controls (minimize, maximize, close). The main area is a light beige color and contains several input fields and controls. At the top, there are four fields: 'Fish ID' with a text box and a '?' button; 'Date' with a calendar icon, a text box containing '21/05/2006', and a dropdown arrow; 'Item Type' with a text box and a '?' button; and 'Stock Name' with a text box and a '?' button. Below these is a horizontal separator line. Under the line, there are three more fields: 'Qty kg' with a text box; 'Use In Total Feed used' with a dropdown menu showing '(-)'; and 'Archive' with a dropdown menu showing 'No'. At the bottom left of the main area are four navigation buttons: '<', '<<', '>>', and '>'. At the very bottom of the window is a row of eight buttons: 'Save', 'Find', 'Delete', 'Reset', 'Print', 'Refresh', 'Cancel', and 'Import'.

Step 3 Creating Feed Bins

If you use Automatic Feed Systems you can keep track of the serial numbers in the system, the screen below allows you to enter them.

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Bin Serial No

Bin Size (kg)

Bin Status (None)

Comment

Feed Bin Assignments

<|> < > >|

Save Find Delete Reset Print Refresh Cancel Help Import

The Serial No and Size must be entered for each Feed Bin.

The Bin Status is the availability of the bin and this must also be selected for each new bin.

Step 4 Assigning Feed Bins

Feed Bins can be assigned to the Fish Ids which are linked to the Cage.

Fish ID Current Cage Id

Date Assigned

Bin Size (kg)

Bin Serial No

Date Unassigned

Comment

Archive No

<|> < > >|

Save Find Delete Reset Print Refresh Cancel Help Import

Step 5 Creating Feed Rate Periods

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	10 - 10.9	11 - 11.9	12 - 12.9	13 - 13.9	14 - 14.9	15 - 15.9	16 - 16.9	17 - 17.9	18 - 18.9	19 - 19.9
Size 50 - 100 (g)	<input type="text"/>									
100 - 200 (g)	<input type="text"/>									
200 - 300 (g)	<input type="text"/>									
300 - 500 (g)	<input type="text"/>									
500 - 700 (g)	<input type="text"/>									
700 - 900 (g)	<input type="text"/>									
900 - 1100 (g)	<input type="text"/>									
1100 - 1300 (g)	<input type="text"/>									
1300 - 1500 (g)	<input type="text"/>									
1500 - 1750 (g)	<input type="text"/>									

Category Name Field

Select the category name that the feed rate is to be used for. The Calendar Year field will be updated with the year from the Category Name.

Week No Field

For each week in a year, the feed rates can be used. The Week No is which week in the year this will be for. The Start and End Dates are the start and end of this week.

For each fish weight category and temperature range, a Feed Rate can be entered, which is the percentage of a fish bodyweight that is fed to it in feed. To allow for optimal growth this value can be different for size ranges and water temperatures.